DEPARTMENT OF DEFENSE

DoD Enterprise Architecture Congruence Community of Practice

Issue Paper

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By

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DoD Enterprise Architecture Congruence Community of Practice

Issues
- Can the DoD EA be mapped to the FEA?
- If so, what is the process for maintaining the mapping?
- What process and policy implications are there?

Discussion

- The DoD Enterprise Architecture Congruence Community of Practice (DoD EAC RM CoP) was commissioned with an objective of determining the feasibility of aligning GIG Architecture and the Federal Enterprise Architecture (FEA).

- The approach: 1) Determine feasibility of aligning with the FEA RM; 2) create and publish a set of DoD EA RM proving the alignment; 3) determine the process for maintaining the DoD EA RM alignment; 4) develop appropriate policy and develop process improvement recommendations along the way.

- The DoD EAC CoP extracted information from the Warfighter, Business, Intel and Enterprise Information Environment Mission Areas, and other DoD work such as the DoD Net-centric Data Strategy, and DoD Annual Defense Report and aligned that information with FEA RMs by abstraction to prove the alignment could be created.

- The DoD EAC CoP developed and published a process that may be used to maintain the congruence and keep the DoD EA RM under configuration control.

- The DoD EAC CoP, created a policy paper that outlines policy, process, roles and responsibilities in a federated environment to create, maintain, use architecture, for results, and align with other DoD planning policy.

- Process improvement opportunities and policy were identified along the way.

- This information was posted at: http://www.dod.mil/nii/ click on "DoD EA Congruence".

Analysis:

The CoP proved that it was feasible to map the DoD EA to the FEA by a set of reference models that mirrored the FEA RM but aligned around the DoD Mission Areas; benefits were noted. Further a process for maintaining the DoD EA RM was created based on the work done by the OMB Architecture and Infrastructure and adopted for DoD use. In addition, the CoP, identified process improvements to include improving the IT 300 Investment process that were implemented and resulted in improved EA scores on the OMB A-11 for FY07 President's Budget. Lastly, the DoD EA CoP determined that maintaining the DoD EA RM would need to be done in a Federated environment.

Recommendations:

1) Implement the use of DoD EA RM as a means of simplifying the presentation of complex architecture information and other information about the alignment of IT with the mission of the Department. 2) Document the benefits. 3) This work completes the work of the DoD EAC CoP, with the exception of a few remaining postings, unless further commissioned by the DoD Architecture Summit, Chaired by A&I.